Exploring the Extreme					
	State Framewo	orks			
State	Standards				
		Demonstrate an understanding of a simple			
MS	SCI.K.1.a	investigation by asking questions.			
		Identify simple tools (rulers, thermometers,			
		scales, and hand lenses) used to gather			
MS	SCI.K.1.c	information.			
		Recognize that people have always had			
		questions about their world and identify			
		science as one way of answering questions			
MS	SCI.K.1.d	and explaining the natural world.			
		Describe ideas using drawings and oral			
	SCLK.1.e	expression.			
		Understand external motion of objects (e.g.,			
		straight-line, circular, back-and-forth,			
	SCLK 2 c 1	rotational)			
IVIO	001.13.2.0.1	Totational)			
F	vnloring the Ev	trama			
1	Jtate I Taillew	oi ko			
State	Standards				
State	Standards				
		Domonatrata an understanding of a simple			
		Demonstrate an understanding of a simple			
	001445	investigation by asking appropriate questions			
IVIS	SCI.1.1.a	about objects, organisms, and events.			
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T	State Framewo	orks			
State	Standards				
		Formulate questions about objects and			
		organisms and predict outcomes in order to			
MS	SCI.2.1.a	conduct a simple investigation.			
E					
	2008 Science	e			
	State Framewo	orks			
State	Standards	1			
	State MS MS MS State State MS E	State Standards MS SCI.K.1.a MS SCI.K.1.c MS SCI.K.1.c MS SCI.K.1.e MS SCI.K.1.e SCI.K.1.e SCI.K.1.e SCI.K.1.e SCI.K.1.e Exploring the Exploring t			

Grade 5 Activity/Lesson	State	Standards				
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Mississippi Science			/ NO			
		State Framewo				
Exploring the Extreme 2008 Science						
	<u> </u>	 	 treme			
INIOHIGHIL AHHS	IVIO	301.4.1.0	position, change).			
Moment Arms	MS	SCI.4.1.b	position, change).			
Changing the Center of Gravity Using			events (size, shape, color, texture, sound,			
Changing the Contar			Use the senses and simple tools to gather qualitative information about objects or			
Moment Arms	MS	SCI.4.1.a	problems to be investigated.			
of Gravity Using	MC	SCI 4 4 5	Form hypotheses and predict outcomes of			
Changing the Center			Forms hymotheses and an allet systems of			
Lines	MS	SCI.4.1.a	problems to be investigated.			
Gravity Using Plumb		001.4.4	Form hypotheses and predict outcomes of			
Finding the Center of			_ , ,,			
Gravity Using Rulers		SCI.4.1.b	position, change).			
Finding the Center of			events (size, shape, color, texture, sound,			
			qualitative information about objects or			
			Use the senses and simple tools to gather			
Gravity Using Rulers	MS	SCI.4.1.a	problems to be investigated.			
Finding the Center of			Form hypotheses and predict outcomes of			
Activity/Lessoli	Olale	Statiualus				
Grade 4 Activity/Lesson	State	Standards				
Mississippi Science						
Minalaniasiasi	Ī	State Framewo	Drks T			
		2008 Scienc	<u></u>			
		Exploring the Ex				
Moment Arms	MS	SCI.3.1.d	results of an investigation.			
of Gravity Using			Draw conclusions and communicate the			
Changing the Center						
Moment Arms	MS	SCI.3.1.c.1	meter			
of Gravity Using			half of an inch, foot, yard, centimeter, and			
Changing the Center			Be able to measure length, to the nearest			
Moment Arms	MS	SCI.3.1.a	investigations.			
of Gravity Using			can be examined through scientific			
Changing the Center			Identify questions and predict outcomes that			
Lines	MS	SCI.3.1.d	results of an investigation.			
Gravity Using Plumb			Draw conclusions and communicate the			
Finding the Center of						
Lines	MS	SCI.3.1.a	investigations.			
Gravity Using Plumb			can be examined through scientific			
Finding the Center of			Identify questions and predict outcomes that			
Gravity Using Rulers		SCI.3.1.d	results of an investigation.			
Finding the Center of			Draw conclusions and communicate the			
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Gravity Using Rulers		SCI.3.1.a	investigations.			
Finding the Center of			can be examined through scientific			
			Identify questions and predict outcomes that			

			Come a humathasia and distantes as and
			Form a hypothesis, predict outcomes, and
			conduct a fair investigation that includes
			manipulating variables and using
Jet Propulsion	MS	SCI.5.1.a	experimental controls.
			Form a hypothesis, predict outcomes, and
			conduct a fair investigation that includes
			manipulating variables and using
Vectoring	MS	SCI.5.1.a	experimental controls.
		Exploring the I 2008 Scie	
		State Frame	
Mississippi Scien	ce	Otate i rame	
Grade 6			
Activity/Lesson	State	Standards	
			Design and conduct an investigation that
			includes predicting outcomes, using
			experimental controls, and making
Jet Propulsion	MS	SCI.6.1.a	inferences.
·			Design and conduct an investigation that
			includes predicting outcomes, using
			experimental controls, and making
Vectoring	MS	SCI.6.1.a	inferences.
3			Analyze data collected from a scientific
			investigation to construct explanations and
Vectoring	MS	SCI.6.1.d	draw conclusions.
			Recognize and analyze alternative
Vectoring	MS	SCI.6.1.h	explanations and predictions.
			Be able to use tools (e.g., English rulers [to
			the nearest one-sixteenth of an inch], metric
			rulers [to the nearest millimeter],
			thermometers, scales, hand lenses,
			microscopes, balances, clocks, calculators,
			anemometers, rain gauges, barometers,
Center of Gravity,			hygrometers, telescopes, compasses, spring
Pitch, Yaw	MS	SCI.6.1.c.1	scales)
		Exploring the I	
		2008 Scien	
Mississinni Saian	20	State Frame	WORKS
Mississippi Sciene Grade 7			
Activity/Lesson	State	Standards	
ACTIVITY/LC33UII	Jiaie	Standards	Design, conduct, and draw conclusions from
			an investigation that includes using
Vectoring	MS	SCI.7.1.a	experimental controls.
v cotoring	LIVIO	001.7.1.a	experimental controls.

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Center of Gravity, Pitch, Yaw	MS	SCI.7.1.c.1	Be able to use tools (e.g., English rulers [to the nearest one-sixteenth of an inch], metric rulers [to the nearest millimeter], thermometers, scales, hand lenses, microscopes, balances, clocks, calculators, anemometers, rain gauges, barometers, hygrometers, telescopes, compasses, spring scales, pH indicators, stopwatches)
		Exploring the Exploring the Exploring	
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Grade 8			
Activity/Lesson	State	Standards	
Vectoring	MS	SCI.8.1.a	Design, conduct, and analyze conclusions from an investigation that includes using experimental controls.
Center of Gravity, Pitch, Yaw	MS	SCI.8.1.c.1	Be able to use tools (e.g., English rulers [to the nearest one-sixteenth of an inch], metric rulers [to the nearest millimeter], thermometers, scales, hand lenses, microscopes, balances, clocks, calculators, anemometers, rain gauges, barometers, hygrometers, telescopes, compasses, spring scales, pH indicators, stopwatches, graduated cylinders, medicine droppers)